

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-32 (Canceled).

Claim 33 (Currently Amended): A system for creating and/or editing structured parts list information, comprising:

a structured parts list information storage configured to store structured parts list information on components, the listed components including a plurality of parts, and to output the structured parts list information based on input retrieval information;

a parts information storage configured to store parts information on a plurality of parts, and to output the parts information corresponding to parts listed in the structured parts lists information output from the structured parts list information storage;

a parts information list creating and/or editing device configured to retrieve the structured parts list information stored in the structured parts list information storage based on the input retrieval information, to retrieve the parts information on respective parts listed in the retrieved structured parts list information, and to create a parts information list; and

a structured parts information list creating and/or editing device configured to create updated structured parts list information based on the parts information list created by the parts information list creating and/or editing device, and to store the updated structural parts list information in a memory for subsequent access.

Claim 34 (Previously Presented): The system according to claim 33,  
wherein:

the parts information on respective parts include information on at least one of an identification, a function, a manufacture, a feature of at least one of size and shape, a future prospect, a price, and approval data related to approval and non-approval for use.

Claim 35 (Previously Presented): The system according to claim 33, further comprising:

a compatibility prediction information output device configured to survey on predetermined items based on the parts information list created by the parts information list creating and/or editing device, and to create and then output decision information for compatibility prediction based on results from the survey.

Claim 36 (Previously Presented): The system according to claim 35, wherein:

the predetermined items on respective parts include at least packaging density, arrangement, and operation verification.

Claim 37 (Previously Presented): The system according to claim 33, further comprising:

a compatibility prediction information output device configured to store predetermined information on simulation models, based on technical requirements, to carry out simulation steps using parameters corresponding to models selected from the simulation models, and to create prediction information based on simulation results.

Claim 38 (Previously Presented): The system according to claim 33, further comprising:

a compatibility prediction information output device configured to estimate packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts information list, and to create and then output decision information for compatibility prediction based on packaging density results.

Claim 39 (Previously Presented): The system according to claim 33, further comprising:

a compatibility prediction information output device configured to estimate packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts information list together with predetermined restrictions, and to create and then output decision information for compatibility prediction based on packaging density results.

Claim 40 (Previously Presented): The system according to claim 39, wherein:

the predetermined restrictions include at least one of restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.

Claim 41 (Currently Amended): A method for creating and/or editing structured parts list information, comprising:

storing structured parts list information on components, the listed components  
including a plurality of kinds of parts, and outputting the structured parts list information  
based on input retrieval information;

storing parts information on components including a plurality of parts, and outputting  
the parts information corresponding to parts listed in the structured parts lists information  
output from the structured parts list information storage;

retrieving the structured parts list information stored in the structured parts list  
information based on the input retrieval information, and retrieving the parts information on  
respective parts listed in the retrieved structured parts list information;

creating a parts information list of the respective parts using the corresponding parts  
information output from the parts information storage; and

creating and/or editing updated structured parts list information based on the parts  
information list, and storing the updated structural parts list information in a memory for  
subsequent access.

Claim 42 (Previously Presented): The method according to claim 41,  
wherein:

the parts information on respective parts include information on at least one of an  
identification, a function, a manufacture, a feature of at least one of size and shape, a future  
prospect, a price, and approval data related to approval and non-approval for use.

Claim 43 (Previously Presented): The method according to claim 41, further  
comprising:

surveying on predetermined items based on the updated parts information list; and

creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 44 (Previously Presented): The method according to claim 41, further comprising:

storing predetermined information on simulation models, based on technical requirements;

carrying out simulation steps using parameters corresponding to models selected from the simulation models; and

creating prediction information based on simulation results.

Claim 45 (Previously Presented): The method according to claim 41, further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information; and

creating and then outputting decision information for compatibility prediction based on packaging density results.

Claim 46 (Previously Presented): The method according to claim 41, further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information together with predetermined restrictions; and

producing and then outputting decision information for compatibility prediction based on packaging density results.

Claim 47 (Previously Presented): The method according to claim 46,  
wherein:

the predetermined restrictions include at least one of restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.

Claim 48 (Currently Amended): A computer accessible storage medium configured to store structured parts list creating and/or editing programs for a computer to execute a plurality of processings, the processings comprising:

storing structured parts list information on components, the listed components including a plurality of kinds of parts, and outputting the structured parts list information based on input retrieval information;

storing parts information on components including a plurality of parts, and outputting the parts information corresponding to parts listed in the structured parts lists information output from the structured parts list information storage;

retrieving the structured parts list information stored in the structured parts list information storage, based on the input retrieval information, and retrieving the parts information on respective parts listed in the retrieved structured parts list information;

creating a parts information list of the respective parts using the corresponding parts information output from the parts information storage; and

creating and/or editing updated structured parts list information based on the parts information list, and storing the updated structural parts list information in a memory for subsequent access.

Claim 49 (Previously Presented): The computer accessible storage medium according to claim 48,

wherein:

the parts information on respective parts include information on at least one of an identification, a function, a manufacture, a feature of at least one of size and shape, a future prospect, a price, and approval data related to approval and non-approval for use.

Claim 50 (Previously Presented): The computer accessible storage medium according to claim 48, the processings further comprising:

surveying on predetermined items based on the updated parts information list; and  
creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 51 (Previously Presented): The computer accessible storage medium according to claim 48, the processings further comprising:

storing predetermined information on simulation models, based on technical requirements;

carrying out simulation steps using parameters corresponding to models selected from the simulation models; and

generating prediction information based on simulation results.

Claim 52 (Previously Presented): The computer accessible storage medium according to claim 48, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information; and

producing and then outputting decision information for compatibility prediction based on packaging density results.

Claim 53 (Previously Presented): The computer accessible storage medium according to claim 48, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information together with predetermined restrictions; and

producing and then outputting decision information for compatibility prediction based on packaging density/results.

Claim 54 (Previously Presented): The computer accessible storage medium according to claim 53,

wherein:

the predetermined restrictions include at least restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.



Claim 55 (Currently Amended): A system for creating and/or editing structured parts list information, comprising:

structured parts list information storage means for storing structured parts list information on components, the listed components including a plurality of kinds of parts, and outputting the structured parts list information based on input retrieval information;

parts information storage means for storing parts information on components including a plurality of kinds of parts, and outputting the parts information corresponding to parts listed in the structured parts lists information output from the structured parts list information storage;

parts information list creating and/or editing means for retrieving the structured parts list information stored in the structured parts list information storage means based on the input retrieval information, and for retrieving the parts information on respective parts listed in the retrieved structured parts list information, and for creating a parts information list using the corresponding parts information output from the parts information storage; and

structured parts information list creating and/or editing means for creating updated structured parts list information based on the parts information list created by the parts information list creating and/or editing means, and storing the updated structural parts list information in a memory for subsequent access.

Claim 56 (Previously Presented): The system according to claim 55, further comprising:

compatibility prediction information output means for surveying on predetermined items based on the parts information list created by the parts information list creating and/or

editing means, and for creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 57 (Previously Presented): The system according to claim 55, further comprising:

compatibility prediction information output means for storing predetermined information on simulation models, based on technical requirements, for carrying out simulation steps using parameters corresponding to models selected from the simulation models, and for creating prediction information based on simulation results.

Claim 58 (Previously Presented): The system according to claim 55, further comprising:

compatibility prediction information output means for estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts information list, and for creating and then outputting decision information for compatibility prediction based on packaging density results.

Claim 59 (Previously Presented): The system according to claim 55, further comprising:

compatibility prediction information output means for estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts information list together with

predetermined restrictions, and for creating and then outputting decision information for compatibility prediction based on packaging density results.

Claim 60 (Currently Amended): A computer accessible storage medium configured to store structured parts list creating and/or editing programs for a computer to execute a plurality of processings, the processings comprising:

storing structured parts list information on components, the listed components including a plurality of kinds of parts in a structured parts list information storage, and outputting the structured parts list information based on input retrieval information;

retrieving the stored structured parts list information, and outputting parts information on respective parts corresponding to parts listed in the structured parts lists information output from the structured parts list information storage;

creating a parts information list of the respective parts using the corresponding parts information output from the parts information storage; and

creating and/or editing updated structured parts list information based on the parts information list, and storing the updated structural parts list information in a memory for subsequent access.

Claim 61 (Previously Presented): The computer accessible storage medium according to claim 60, the processings further comprising:

surveying on predetermined items based on the updated parts information list; and

creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 62 (Previously Presented): The computer accessible storage medium according to claim 60, the processings further comprising:

storing predetermined information on simulation models, based on technical requirements;

carrying out simulation steps using parameters corresponding to models selected from the simulation models; and

generating prediction information based on simulation results.

Claim 63 (Previously Presented): The computer accessible storage medium according to claim 60, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information; and

producing and then outputting decision information for compatibility prediction based on packaging density results.

Claim 64 (Previously Presented): The computer accessible storage medium according to claim 60, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the updated parts information list in the structured parts list information together with predetermined restrictions; and

producing and then outputting decision information for compatibility prediction based on packaging density results.